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MONTHLY STATISTICAL SUMMARY

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PRODUCTION STRENGTHENS

Paper and paperboard production strengthened significantly in September. The August-September* seasonally adjusted rate of production rose to 62.3 million tons per year, 2.4% above the July-August rate of 60.8 million tons per year. Total paper and paperboard production had been in a downtrend throughout the January-August period. The January-February seasonally adjusted level was 66.6 million tons per year and the production trend declined in each succeeding month to the July-August low.

The following table shows the trend of total paper and paperboard production and of the paper, paperboard and the construction and other grades separately.

PAPER AND PAPERBOARD PRODUCTION

Seasonally Adjusted Annual Rate - Two Month Moving Average

(000 Tons)

	Jan.-Feb.	Feb.-Mar.	Mar.-Apr.	Apr.-May	May-June	June-July	July-Aug.	Aug.-Sept.
Paper	31.4	30.3	30.1	29.9	29.1	28.7	28.6	29.2
Paperboard	32.0	31.1	30.2	29.7	30.2	30.2	29.9	30.9
Construction & Other Grades	3.2	3.1	2.5	2.0	1.9	2.1	2.2	2.2
TOTAL	66.6	64.5	62.8	61.7	61.1	61.0	60.8	62.3

* Technical Note: A two month average of the monthly seasonally adjusted data is required to estimate the underlying trend of production.

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The strength in production in September was evident throughout the grade structure. The rate of total paper production, for example, rose 2% from the July-August low to 29.2 million tons per year, with gains recorded in all the major grade groups. Total printing/writing papers rose by 2.9%; tissue papers by an estimated 1.6% and packaging and other papers an estimated 3.4%. Newsprint production has been running close to capacity levels throughout the year, and remained high in September at a trend level of 4.76 million tons per year.

Compared to year-ago levels, total paper production in the first nine months of 1980 was up by 1.8%. The increase, however, was centered entirely on newsprint and the printing and writing grades. Newsprint production rose 16%; total printing and writing paper shipments rose 1.6%. While tissue paper, packaging and other paper production showed strength in September, the nine-month total for tissue paper was 4% below its year-ago level; packaging and other paper production was down by 3%. The decline from the January-February peak of 31.4 million tons per year to the July-August low was 9% for paper production in total.

The trend in paperboard production was somewhat stronger. The September turnaround brought the seasonally adjusted trend of paperboard production up 3% from the month-earlier level. The total decline from the January-February rate of 32.0 million tons per year to the July-August low was 6%. This reflected a relatively flat trend in the production of solid wood pulp paperboard during the year, offset by a sharply declining trend in the production of recycled paperboard. The January-September total for solid wood pulp production was 1.3% ahead of its year-ago level; recycled paperboard production was down by 9%. This brought total paperboard production 1.6% below its year-ago level.

Market Trends

The upturn in September was consistent with the trends in activity in paper and paperboard markets. According to preliminary reports of the Department of Commerce, total economic activity as measured by real GNP showed a small gain from the second to third quarters of 1980. Similarly, total industrial production rose in August and September, after having declined steadily from January to July.

The seasonally adjusted value of shipments of paper products by paper merchants showed a strong upturn in August, while inventories declined slightly. The August 1980 current dollar value of inventories held by paper merchants was only 7% above its year-ago level, indicating a decline in the physical volume of these inventories.

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PAPER AND PAPERBOARD STATISTICS

PRODUCTION, SHIPMENTS AND ORDERS

(Thousands of Tons)

	YEAR 1978	YEAR 1979	JUNE 1980	JULY 1980	AUG. 1980	SEPT 1980	Annual Rate Y-T-D 1980	% Change from same Period Last Year
PAPER					R	P		
Newsprint - Production	3768	4062	393	375	412	370	4627	16.0
- Shipments	3779	4066	382	385	409	375	4614	15.7
Printing & Writing	14596	15368	1256	1157	1244	1252	15528	1.6
Groundwood Paper - Shipments	1354	1509	127	116	125	123	1505	0.7
- New Orders	1414	1519	115	118	135	122	1500	-2.6
- Unfilled Orders	185	149	119	119	131	122	122	-30.0
Coated Paper - Shipments	4453	4527	364	340	374	394	4600	2.4
- New Orders	4432	4547	357	400	381	390	4724	4.3
- Unfilled Orders	404	385	344	405	403	387	387	0.8
Unctd Free Sheet - Shipments	7221	7813	650	591	636	622	7972	2.7
- New Orders	7538	7826	579	582	584	583	7570	-3.9
- Unfilled Orders	754	780	571	578	533	487	487	-41.1
Thin Paper - Production *	350	376	28	24	27	28	342	-10.3
Cotton Fiber Paper - Shipments	114	125	9	8	9	10	123	-0.9
Bleached Bristols - Production	1103	1018	78	78	72	75	985	-4.0
Tissue Paper - Production	4215	4506	340	323	346	340	4342	-4.2
Total Packaging & Other Paper	5789	5725	426	397	441	455	5520	-3.1
Unbl. Kraft Paper - Shipments	3884	3934	299	282	306	320	3827	-2.9
Other Paper - Production * #	1905	1791	127	115	135	135	1693	-3.5
TOTAL PAPER-Production-Unadj.	28367	29661	2416	2253	2443	2417	30016	1.8
-Production-S.A.			2368	2417	2356	2512	29839	1.4
PAPERBOARD - PRODUCTION							##	
Solid Wood Pulp Furnish	22790	23838	2050	1909	2042	1953	24187	1.3
Unbl. Kraft Linerboard - Total	13228	13951	1254	1172	1251	1176	14465	4.0
Production for Export	1466	1645	218	239	248	182	2246	38.8
Other Unbl. Kraft Paperboard	1144	1200	80	66	76	81	1003	-19.1
Semichemical Paperboard	4439	4689	401	362	387	383	4789	1.6
Production for Export	119	98	28	30	35	32	234	129.4
Solid Bleached Paperboard	3979	3998	314	309	328	313	3929	-2.3
Production for Export	430	491	50	36	54	54	561	13.6
Recycled Paperboard	7485	7591	558	478	544	571	6929	-9.1
Production for Export	22	22	5	12	11	8	75	282.1
TOTAL PAPERBOARD-Prod.-Unadj.	30275	31429	2608	2387	2586	2524	31116	-1.3
- Containerboard Prod.(Dom. Use)	17908	18825	1566	1400	1496	1487	18636	-0.8
- Boxboard Production (Dom. Use)	6505	5776	429	404	432	433	5435	-7.1
- All Other P'bd Prod.(Dom. Use)	3825	4571	313	266	308	328	3929	-15.3
- Total Paperbd Prod. for Export	2037	2257	300	318	348	277	3117	39.6
TOTAL PAPERBOARD PROD. - S.A.			2537	2497	2493	2646	30715	-1.6
WET MACHINE BOARD *	136	144	9	8	11	12	129	-1.7
BUILDING PAPERS *	1915	1900	96	92	105	100	1391	-27.5
INSULATING BOARD *	1416	1422	68	71	85	75	937	-35.4
TOTAL ALL GRADES - Unadjusted	62109	64555	5196	4811	5229	5128	63589	-1.4
- Production - S.A.			5070	5100	5032	5347	63003	-1.8
HARD PRESSED BD. [not in total]*	2294	2123	131	149	160	135	1681	-22.1

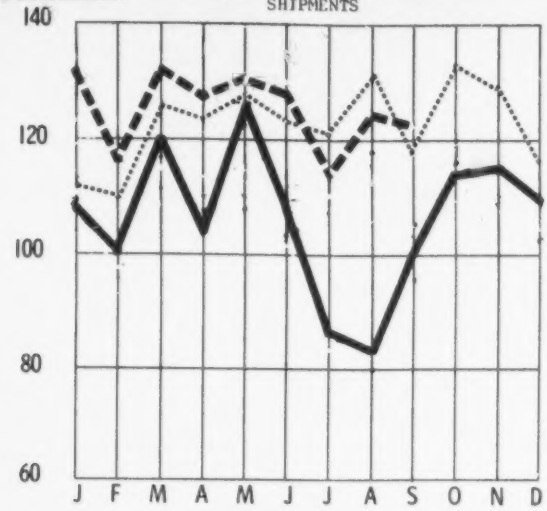
* Census Data - Production. Last two months estimated.
\# Production excludes API bleached kraft envelope.
\#\# Includes revisions not available monthly.
\#\#\# Data for unbleached kraft folding boxboard for 1979 and 1980 included in All Other.

S.A. Seasonally Adjusted
P Preliminary
R Revised

THOUSANDS OF TONS

GROUNDWOOD PAPER, UNCOATED

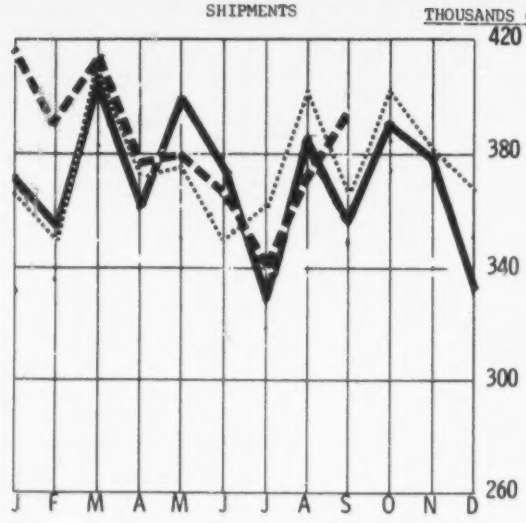
SHIPMENTS



COATED PAPER

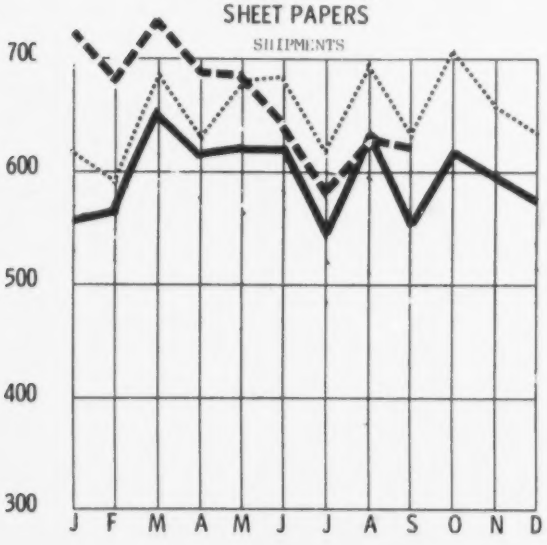
SHIPMENTS

THOUSANDS OF TONS



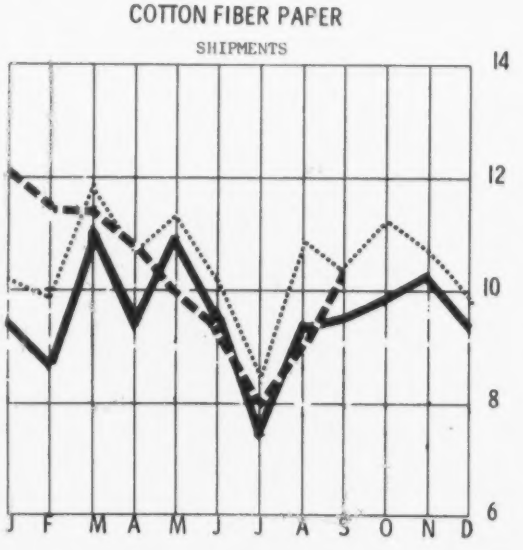
UNCOATED FREE SHEET PAPERS

SHIPMENTS



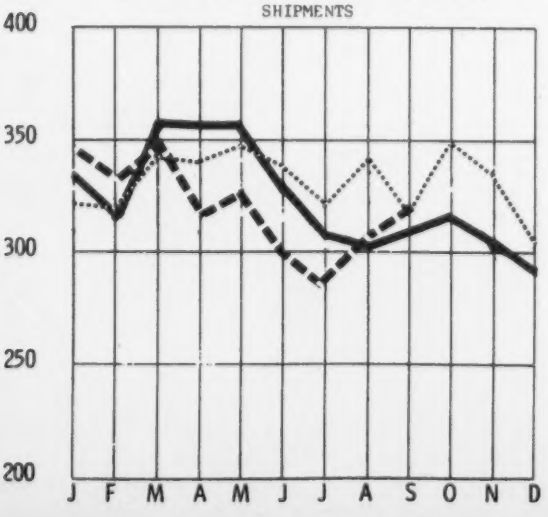
COTTON FIBER PAPER

SHIPMENTS



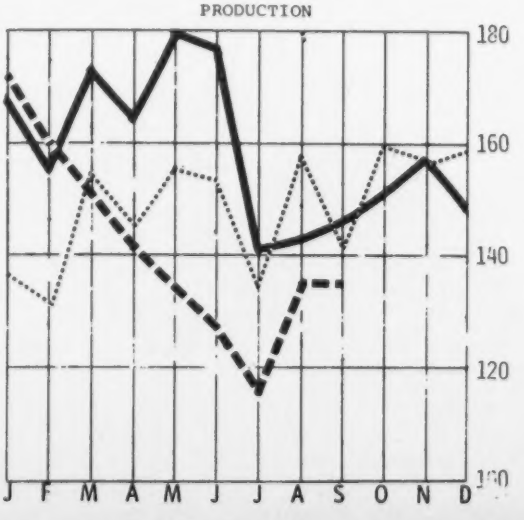
UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPER

SHIPMENTS



OTHER PAPER

PRODUCTION



1978 ——— 1979 ····· 1980 — — —

WOOD PULP STATISTICS
(Thousands of Tons)

	YEAR 1978	YEAR 1979	MAY 1980	JUNE 1980	JULY 1980	AUG. 1980	Annual Rate Y-T-D 1980	% Change from same Period Last Year
TOTAL WOOD PULP (1)					R	P		
Total Wood Pulp - Production	47228	49743	4447	4307	3965	4334	51490	3.6
- Imports	4025	4318	373	336	285	334	4180	-4.5
- Exports	2599	2935	317	362	356	385	3875	39.6
- New Supply	48653	51126	4502	4281	3894	4284	51795	1.0
Dissolving Pulp - Production	1411	1497	138	126	111	129	1562	4.8
- Imports	189	193	19	34	12	24	282	58.9
- Exports	758	764	58	79	73	70	829	11.6
- New Supply	842	926	99	81	51	82	1014	9.7
Paper Grades - Production	37893	39785	3564	3453	3179	3474	41279	3.8
Chemical Pulp - Imports	3627	3923	328	288	267	257	3667	-7.9
- Exports	1780	2100	254	270	279	308	2953	49.6
- New Supply	39740	41608	3637	3472	3167	3423	41993	0.5
Groundwood and - Production	4141	4394	395	386	369	397	4557	4.3
Thermo-Mech. - Imports	208	201	26	14	6	21	182	-15.6
- Exports	62	70	5	13	4	7	92	57.3
- New Supply	4287	4525	415	386	371	411	4647	2.6
Semi-Chemical - Production	3783	4068	351	342	306	335	4091	0.8
- Imports	0	0						
- Exports	0	0	------	Included	with	Groundwood	Pulp ------	
- New Supply	3783	4068	351	342	306	335	4091	0.8
MARKET WOOD PULP								
Total Market - Production	5126	5667	572	547	542	564	6570	19.0
Wood Pulp - Imports	2816	3046	239	245	202	243	2992	-3.7
- Exports	2480	2784	287	321	296	311	3457	31.3
- New Supply	5462	5930	524	470	448	496	6105	1.8
Dissolving Pulp - Production	1406	1497	138	126	108	132	1560	4.6
- Imports	291	306	15	31	11	24	240	-28.6
- Exports	824	869	72	90	65	61	892	6.9
- New Supply	873	934	81	67	54	95	907	-8.6
Paper Grades - Production	3644	4107	428	414	429	425	4927	24.0
Chemical Pulp - Imports	2495	2734	223	214	191	216	2736	-1.0
- Exports	1613	1870	213	225	229	245	2505	43.0
- New Supply	4525	4971	438	403	391	396	5158	3.4
Groundwood Pulp - Production	76	64	7	7	6	7	83	45.9
and All Other - Imports	26	7	1	0	0	3	16	135.6
- Exports	42	46	2	7	2	5	60	28.3
- New Supply	59	25	5	0	4	5	39	128.7

(1) Prodctn excludes defibrated, exploded & screenings-(000 tons): 1978 - 3,140; 1979 - 3,061; A.R.Y-T-D'80 - 2,264
SOURCES: Total Wood Pulp Imports & Exports - Department of Commerce. Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp & Raw Materials Group, API.

FIBROUS RAW MATERIALS
(Thousands of tons)

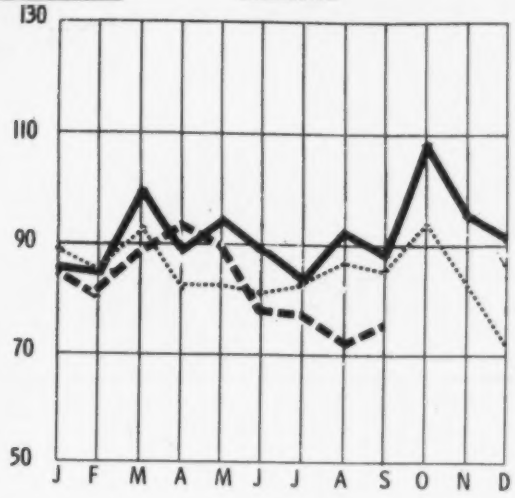
CONSUMPTION AT PAPER & BD. MILLS					R	P		
Total	63449	66199	5585	5324	4909	5073	64687	-1.1
Total Wood Pulp (2) A	47911	50156	4351	4172	3833	3870	49849	-0.8
Market Wood Pulp A	4774	5031	361	374	367	410	4828	-4.9
Waste Paper (3) A	14760	15400	1185	1109	1034	1157	14247	-1.8
Rags, Straw & Other C, E	778	643	49	43	42	46	591	-10.3
INVENTORIES								
Wood Pulp at Pulp Mills A	130	107	126	141	117	136	136	12.0
Market Pulp at Pulp Mills A	187	132	179	187	234	235	235	41.3
Mkt Pulp at Ppr.& Bd. Mills CE	435	426	485	462	456	460	460	5.0
Waste Ppr.at Ppr.&Bd. Mills (4)	740	798	786	822	934	945	945	17.3
Rags, Straw and Other at Paper and Board Mills C, E	66	61	58	59	60	60	60	-1.6
Mkt Wood Pulp Days of Supply A	44	38	53	48	54	48	48	15.3
Wood Pulp Consumption at at Non-Paper Mills C, E	884	909	68	70	61	65	829	-9.6

A - Pulp & Raw Materials Group, API; C - Bureau of the Census; E - Most Recent Month Estimated by API
P - Preliminary; R - Revised; (0) - Indicates zero to five-hundred short tons
(2) Excludes consumption of defibrated & exploded pulp for hard pressed bd.(000 tons): 1978 - 1,666; 1979 - 1,593
(3) Census Waste Paper Consumption, (000 tons): 1978 - 12,481; 1979 - 12,962; Jan-Jul '80 A.R. - 12,536
(4) Census data prior to 1979; more recent data are from the Paper Stock Conservation Committee, A.P.I.

BLEACHED BRISTOLS

PRODUCTION

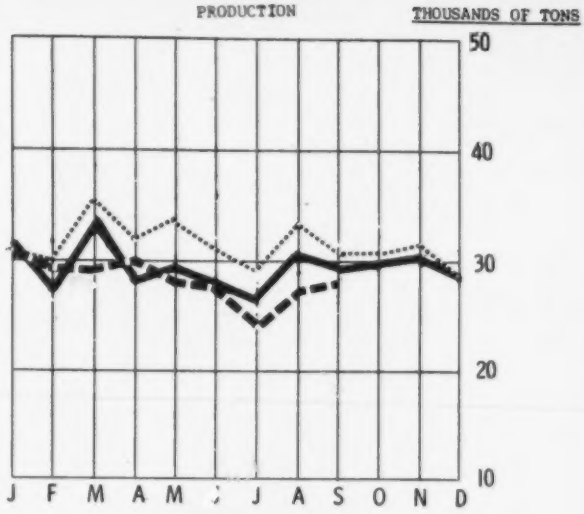
THOUSANDS OF TONS



THIN PAPERS

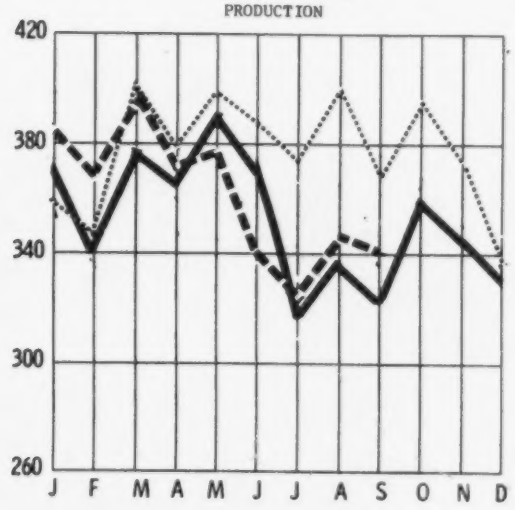
PRODUCTION

THOUSANDS OF TONS



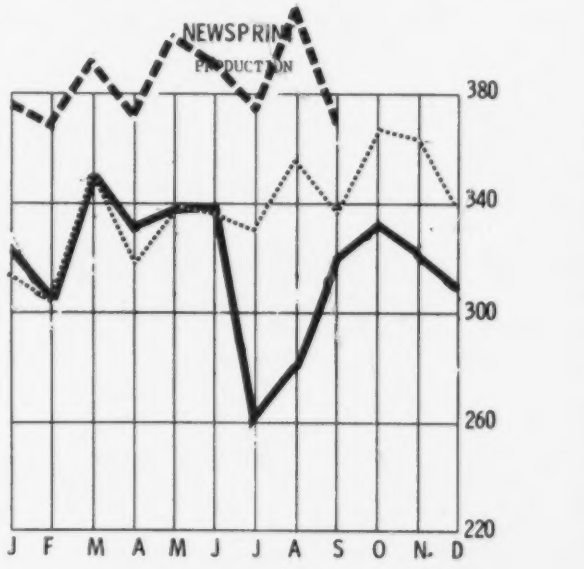
TISSUE PAPER

PRODUCTION



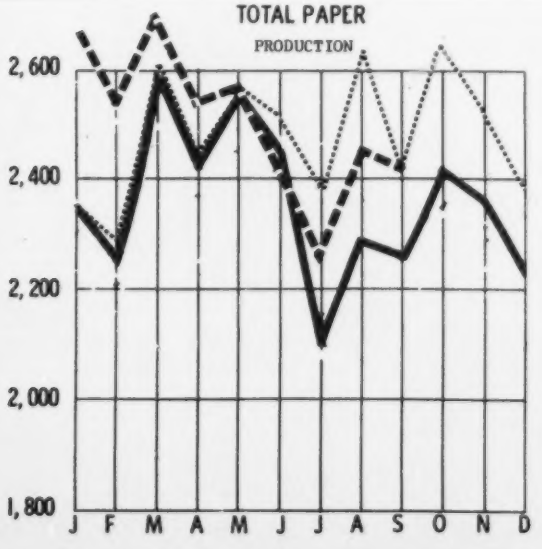
NEWSPRINT

PRODUCTION



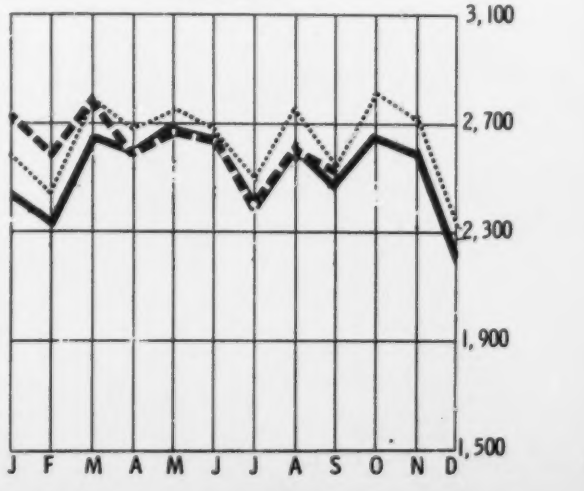
TOTAL PAPER

PRODUCTION



TOTAL PAPERBOARD

PRODUCTION



1978 ——— 1979 ····· 1980 — — —

FIBROUS RAW MATERIALS (Continued)

(Thousands of Standard (128 cubic foot) Cords)

		YEAR 1978	YEAR 1979	MAY 1980	JUNE 1980	JULY 1980	AUG. 1980	Annual Rate Y-T-D 1980	% Change from same Period Last Year
PULPWOOD									
Total U.S.	- Total Receipts	77025	78625	6790	7365	6782	6906	82976	7.2
	- Total Consumpt.	77290	79566	6811	6969	6356	6719	81297	1.8
	- Residues *	30369	30015	2404	2651	2433	2409	29175	-3.7
	- Inventories	6244	5506	5425	5715	6114	6310	6310	30.2
So. Atlantic	- Total Receipts	25353	26126	2349	2426	2293	2289	27425	5.4
	- Total Consumpt	25204	26523	2267	2340	2196	2267	27399	2.8
	- Residues *	8513	8858	730	766	745	787	8901	-0.5
	- Inventories	1191	1052	958	1049	1182	1211	1211	24.6
Northeast	- Total Receipts	6664	7461	509	625	572	651	7655	3.7
	- Total Consumpt	6607	7584	622	611	493	599	7472	-2.2
	- Residues *	1662	1670	143	130	113	137	1637	-4.1
	- Inventories	770	674	587	598	665	714	714	14.2
South Central	- Total Receipts	25572	26654	2194	2439	2298	2320	27221	3.5
	- Total Consumpt	25678	26432	2335	2333	2201	2262	27113	1.1
	- Residues *	8418	8669	569	670	655	697	7785	-12.6
	- Inventories	1194	1472	1268	1347	1456	1475	1475	68.8
North Central	- Total Receipts	5291	5630	407	400	409	367	5654	4.4
	- Total Consumpt	5330	5535	461	441	378	427	5264	-6.3
	- Residues *	1456	1501	114	107	113	106	1391	-5.2
	- Inventories	968	993	1255	1214	1221	1181	1181	50.3
West	- Total Receipts	14145	12754	1331	1475	1210	1279	15023	21.9
	- Total Consumpt	14471	13492	1126	1244	1088	1164	14051	7.0
	- Residues *	10320	9317	848	978	807	682	9462	2.2
	- Inventories	2121	1315	1357	1507	1590	1729	1729	8.7

* - Consumption of Residues in Cord Equivalents.
SOURCE: American Pulpwood Association

UNITED STATES TRADE WITH CANADA

IMPORTS FROM CANADA

	YEAR 1979 Tons	YEAR 1979 $000	JULY 1980 Tons	JULY 1980 $000	AUG. 1980 Tons	AUG. 1980 $000	Annual Rate Y-T-D 1980	% Change from same Period Last Year
Pulpwood, Roundwood (in cords of 128 cubic feet)	206050	8867	17239	556	15585	632	184724	-10.0
Pulpwood Chips	1527734	30440	146749	3885	108335	3083	1728080	15.0
Wood Pulp, Total	4143944	1404354	276644	120412	291404	107747	3922071	-6.7
Waste Fibrous Materials, Total	104358	16281	11112	2019	10106	1857	129197	27.6
Paper,Paperboard&Products,Total	8501966	2779223	631839	235738	629080	229266	8539912	0.2
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd. *	8457803	2725085	628459	231205	625665	224770	8482815	0.1
Paper, Total	8015574	2642945	580907	222672	579681	216466	7910350	-1.6
Newsprint	7077209	2249470	539628	201638	538208	195847	7269101	2.5
Printing,Writing & Rel.Pap.	799968	323175	35712	17605	35725	17231	356277	-30.9
Pack. & Ind. Conv. Paper	118815	57854	5393	3262	5463	3128	78279	-35.6
Special Industrial Paper	2544	2967	70	96	81	123	1262	-43.5
Tissue Paper	17039	9479	105	71	203	137	5431	-69.6
Paperboard, Total	80636	17653	6606	1831	4687	1062	104127	39.5
Wet Machine Board	1522	703	110	65	118	70	1556	-0.5
Construction Paper and Bd. *	360071	63784	40837	6637	41179	7173	466782	28.8
Convtd Paper&Paperbd Products	44163	54138	3380	4533	3415	4496	57097	33.0

EXPORTS TO CANADA

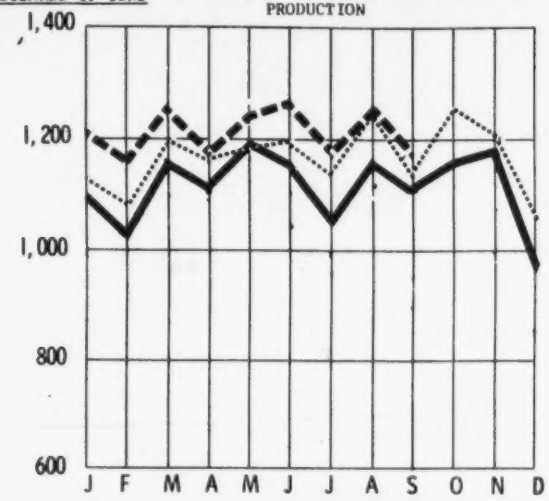
Pulpwood, Roundwood (in cords of 128 cubic feet)	263367	11446	9868	583	13583	807	147729	-51.9
Pulpwood Chips	87790	3790	1036	53	1253	57	22437	-78.5
Wood Pulp, Total	136641	49608	11673	5158	7724	3560	169236	25.9
Cotton Pulp & Other Pulp	7921	3728	811	472	463	339	12363	43.0
Waste Paper	478477	50207	27943	3191	33366	3718	495599	12.0
Paper,Paperboard&Products,Total	624928	353202	38325	26625	39478	29526	571072	-9.1
Paper, Paperboard, Wet Machine Bd & Constr. Paper & Board *	454029	248403	28094	18035	29003	19988	410645	-10.1
Paper, Total	181451	142407	16710	12754	17659	14725	212762	21.4
Newsprint	2803	1734	167	167	186	187	1912	-44.8
Printing,Writing & Rel.Pap.	108290	76567	9595	6233	9736	7490	113044	6.3
Pack. & Ind. Conv. Paper	16084	10108	700	603	1015	861	14038	-14.1
Special Industrial Paper	46773	48173	5638	5284	6345	5832	77391	92.4
Tissue	7502	5825	610	468	377	355	6377	-27.9
Paperboard, Total	230904	83021	9750	4416	9632	4459	166618	-29.0
Wet Machine Board	5262	7916	231	169	182	135	3620	-35.6
Construction Pap. & Bd. E *	36411	13059	1403	697	1530	669	27645	-33.2
Convtd Paper&Paperbd Products	170900	104799	10231	8590	10475	9538	160427	-6.3
* - Hard Pressed Board (not in total)								
Imports of Hard Pressed Bd.	29771	5370	3320	665	2279	486	38016	75.5
Exports of Hard Pressed Bd.	20535	6878	1365	428	1559	628	19386	-12.9

SOURCE: Bureau of Census, Department of Commerce. E - Estimate of tonnage based on square foot data

UNBLEACHED KRAFT LINERBOARD

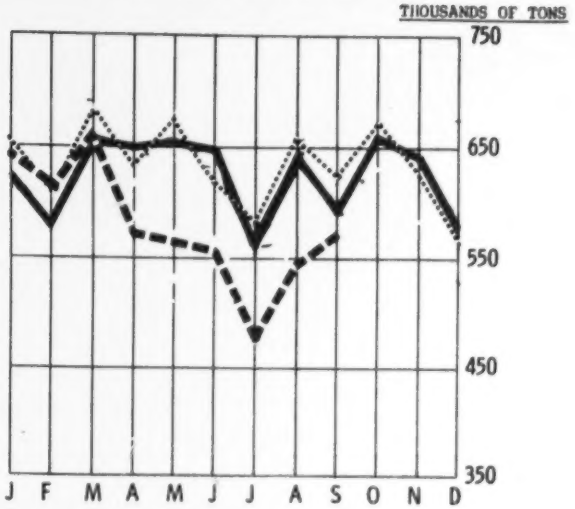
THOUSANDS OF TONS

PRODUCTION



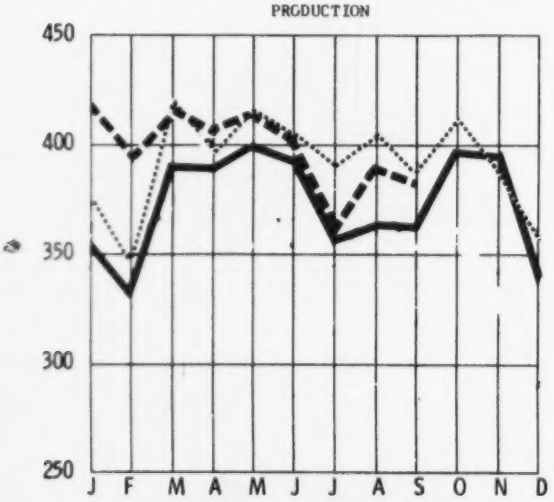
RECYCLED PAPERBOARD

THOUSANDS OF TONS



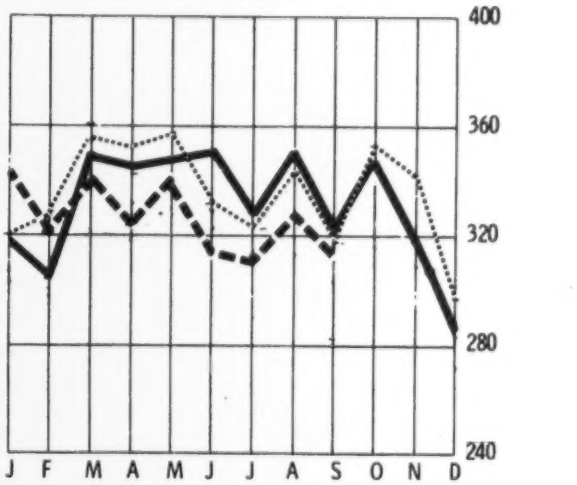
SEMI-CHEMICAL PAPERBOARD

PRODUCTION



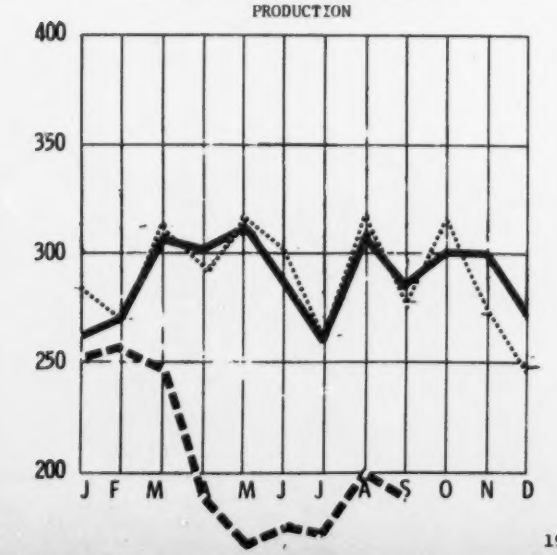
SOLID BLEACHED PAPERBOARD

PRODUCTION



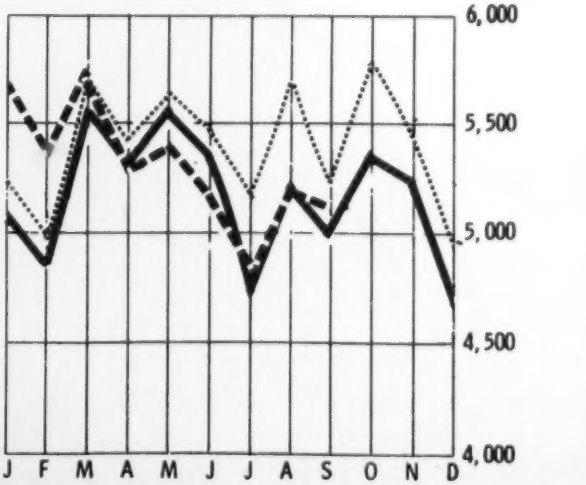
WET MACHINE BOARD AND BUILDING PAPER AND BOARD

PRODUCTION



TOTAL PAPER AND BOARD

PRODUCTION



1978 ——— 1979 ..... 1980 - - -

PULP, PAPER AND PAPERBOARD IMPORTS AND EXPORTS DATA

IMPORTS

	YEAR 1979 Tons	YEAR 1979 $000	JULY 1980 Tons	JULY 1980 $000	AUG. 1980 Tons	AUG. 1980 $000	(1) Annual Rate Y-T-D 1980	% Change from same Period Last Year
Pulpwood, Roundwood (in cords of 128 cubic feet)	206074	8869	17239	556	15585	632	184698	-10.1
Pulpwood Chips	1574763	33413	1467490	3885	108335	3083	3709442	135.7
Total All Imports	13562756	4697532	960997	391873	1003010	402654	13339081	-2.6
Wood Pulp, Total	4317522	1465169	285445	123761	334135	141248	4179668	-4.5
Waste Paper	78395	11189	6782	1236	6032	1003	92177	29.6
Other Fibrous Materials	43640	13149	4881	1288	5147	1536	46808	-5.0
Paper, Paperbd&Products, Total	9123200	3208025	663884	265589	657696	258867	9020429	-1.9
Paper, Paperboard, Wet Machine Bd. & Construction Paper & Board	9027147	2984896	656767	245742	649935	237832	8915849	-2.0
Paper, Total	8559717	2896106	606131	236467	601033	229013	8313752	-3.8
Newsprint	7222701	2300450	549722	205849	546347	199733	7414503	2.4
Printing & Writing	1178507	511722	50228	26264	48333	25036	806532	-34.4
Uncoated Groundwood	804596	295996	29873	13160	32282	14337	525735	-36.3
Uncoated Book	142674	69291	9593	5312	6446	3685	122750	-22.7
Coated Print.& Impreg. Pap	188846	108590	9297	5747	8674	5318	135514	-33.9
Bristols	2247	1243	35	25	32	24	1362	-49.9
Writing and Similar Paper	25220	24547	1079	1405	483	1185	14534	-38.7
Thin (except Cigarette)	14924	12057	352	615	417	487	6636	-53.2
Total Pkg & Other Paper	141196	74212	6076	4284	6141	4097	87061	-41.4
Unbleached Kraft Paper	66816	24551	2485	975	2921	1228	37033	-49.4
Other Pkg. & Indust. Paper	74380	49661	3591	3309	3219	2868	50028	-33.6
Tissue	17312	9722	105	71	213	147	5657	-69.1
Paperboard, Total	82203	19111	6653	1883	4740	1136	104882	37.1
Test or Containerboard	25725	6021	2813	790	1682	433	49448	168.5
Semi-Chemical Corrugating	33494	5889	1942	390	2040	400	31547	-10.2
Other Paperboard	22984	7201	1898	703	1019	302	23886	3.9
Wet Machine Board	2345	1341	208	173	189	71	2341	-4.5
Construction Paper & Bd. *	382883	68338	43775	7220	43973	7613	494874	28.8
Building Paper	330147	56768	41236	6532	40953	6939	458076	37.6
Insulating Board	21682	4664	1472	346	1822	376	17597	-20.8
Other Building Board	31054	6906	1067	341	1198	298	19201	-34.0
Convtd Paper&Paperbd Products	96053	223129	7122	19846	7761	21035	104580	10.2
Paper Products, Total	90246	211682	6507	18593	7359	19967	98429	10.4
Paperboard Products, Total	5807	11447	615	1254	402	1069	6151	6.4
Notes								
Other: No Weight Avail. ($000)		82849		7999		7473	78366	-4.7
Total Imports Incl. Other($000)		4780381		399872		410127	5287140	12.4

EXPORTS

	YEAR 1979 Tons	YEAR 1979 $000	JULY 1980 Tons	JULY 1980 $000	AUG. 1980 Tons	AUG. 1980 $000	(1) Annual Rate Y-T-D 1980	% Change from same Period Last Year
Pulpwood, Roundwood (in cords of 128 cu. ft.)	263721	11473	11909	673	13825	833	162756	-47.1
Pulpwood Chips	4498674	197847	404893	43769	394970	41198	4654386	7.9
Total All Exports	8971708	3348409	1070253	441730	1138682	479229	11777477	38.1
Wood Pulp,Total	2934815	1103783	356328	163062	384881	174725	3874766	39.6
Cotton Pulp and Other Pulp	131444	74579	10920	7183	8531	5740	166832	31.7
Waste and Old Paper	2233246	256107	220257	28849	197912	23397	2789094	32.4
Paper, Paperbd&Products, Total	3672203	1913940	482748	242637	547358	275367	4946786	40.4
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board	3109859	1328320	433306	185417	498665	213063	4313628	45.0
Paper, Total	600874	507569	86695	63114	90917	69744	847660	51.3
Newsprint	71456	32046	27353	13816	14656	7819	158757	193.0
Printing & Writing	274608	233371	30099	23687	31528	26811	311769	13.7
Uncoated Groundwood	80392	55384	11538	7193	9359	6356	93493	14.0
Clay Coated Paper	73521	57743	6020	2649	10214	7233	85151	18.0
Uncoated Free Sheet	68159	64146	7566	7889	8113	8205	78077	16.8
Other Printing & Writing	52536	56098	4976	5956	3843	5018	55047	3.7
Total Pkg. & Other Paper	226906	218218	25286	22056	36894	28649	316609	54.3
Unbleached Kraft	63695	27079	11182	5078	18368	8004	130782	163.3
Other Pkg. & Indust. Paper	163211	191138	14105	16978	18526	20645	185827	19.4
Tissue	27905	23934	3956	3554	7839	6465	60526	125.7
Paperboard, Total	2446972	789902	342961	120234	402201	140327	3400782	44.8
Solid Wood Pulp	2271161	712276	330281	114062	376597	129457	3211877	47.6
Total Linerboard	1644901	434515	276959	86862	310428	97554	2441980	55.8
Bleached Kraft Linerboard	179995	51186	15463	5384	19345	6733	198878	7.2
Unbleached Kraft Linerbd	1464906	383330	261496	81478	291083	90821	2243102	62.3
Other Unbleached Kraft	100301	33739	14568	6201	16545	5822	177087	92.4
Other Bleached Kraft	508601	238813	38724	20970	47775	25530	574827	15.1
Semi-Chemical Corrugating	17358	5208	30	30	1850	551	15983	5.9
Recycled Paperboard	175811	77626	12680	6172	25604	10870	188905	8.9
Wet Machine Board	7371	5146	542	368	591	552	7229	-8.8
Construction Paper & Bd. *	54642	25704	3109	1701	4956	2441	57957	1.6
Building Paper	34020	14420	1041	665	3181	1458	27905	-21.7
Insulating Board E	20623	11284	2067	1036	1775	983	30053	40.6
Convtd Paper&Paperbd Products	562343	585620	49442	57220	48693	62303	633157	15.6
Paper Products, Total	332407	427080	28483	42154	29208	43975	389521	20.7
Paperboard Products, Total	229936	158540	20959	15066	19485	18328	243636	8.3
Notes								
Other: No Weight Avail. ($000)		9803		734		600	10564	29.2
Total Exports Incl. Other($000)		3358212		442465		479828	4735059	50.5
* Hard Pressed Board (not in total)								
Imports of Hard Pressed Board	262229	39607	11649	2281	14044	2313	181493	-28.8
Exports of Hard Pressed Board	32030	11223	1757	603	1948	824	26364	-20.3

SOURCE: Bureau of Census, U.S. Department of Commerce. E - Estim. of tonnage based on square foot data.

(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description.

PAPER AND PAPERBOARD PRODUCTION

CENSUS DATA

(Thousands of Tons)

	YEAR 1978	YEAR 1979	APRIL 1980	MAY 1980	JUNE 1980	JULY 1980	Annual Rate Y-T-D 1980	% Change from same Period Last Year
PAPER					R	P		
Newsprint	3489	3797	381	390	372	359	4520	24.6
Uncoated Groundwood Papers	1569	1674	122	125	129	114	1456	-12.5
Coated Papers	4513	4675	394	388	368	350	4657	1.4
Uncoated Free Sheet (1)	7315	7508	674	688	651	584	7970	7.6
Cotton Fiber Paper (1)	119	127	11	10	10	8	127	-1.5
Thin Papers	350	376	30	28	28	24	345	-9.2
Bleached Bristols	1127	1114	86	91	77	72	1024	-7.9
Tissue Paper	4245	4310	367	357	335	326	4268	-0.7
Unbleached Kraft Packaging & Industrial Conv. Papers(1)	3873	3923	318	320	297	273	3813	-0.5
Other Paper (1)	1905	1791	141	134	127	115	1714	-1.7
TOTAL PAPER GRADES	28505	29295	2523	2531	2394	2224	29894	3.9
PAPERBOARD								
Solid Wood Pulp Furnish	22500	22833	1921	2051	2038	1910	23969	5.7
Unbleached Kraft Linerboard	13215	13685	1143	1218	1250	1152	14314	4.7
Other Unbl. Kraft Paperboard	898	1014	91	89	92	75	1093	3.2
Bleached Kraft Paperboard	4002	3934	327	374	323	339	4082	7.1
Semi-Chemical Paperboard	4384	4200	360	371	373	344	4480	8.3
Recycled Paperboard	7534	7240	576	548	553	470	6977	-1.8
TOTAL PAPERBOARD GRADES	30034	30073	2497	2600	2591	2381	30947	3.9
WET MACHINE BOARD	136	144	10	8	9	8	127	0.3
CONSTR. PAPER & INSUL. BOARD	3332	3322	176	160	164	163	2368	-29.5
TOTAL ALL GRADES (Excl. H.P.B.)#	62006	62834	5207	5298	5158	4776	63335	2.0

PRODUCER PRICE INDEXES

1967 = 100

	1978	1979	JUNE	JULY	AUG.	SEPT		
Pulp, Paper and Products	195.6	219.0	251.3	252.4	252.2	252.7	247.2	14.7
Pulp, Paper & Products, excl. Waste Paper #	195.6	219.2	251.1	253.4	253.2	253.7	247.7	14.9
Total Wood Pulp	266.5	314.3	388.0	388.6	388.6	390.6	377.4	23.1
Total Paper	206.1	229.6	258.3	258.5	258.5	258.9	254.1	12.6
Total Paper, exc. Newsprint	199.4	222.8	249.9	250.1	250.6	250.7	246.7	12.5
Newsprint	226.3	249.9	283.7	283.7	283.8	283.8	276.7	13.0
Total Paperboard	179.6	202.1	242.7	237.5	238.1	239.2	233.1	17.5
Total Paper and Paperboard #	197.8	220.9	253.4	251.9	252.3	252.7	247.5	14.0
Converted Products	186.5	209.9	239.3	242.4	242.0	242.5	236.7	14.5
Waste Paper	191.2	206.6	206.6	194.4	193.8	193.5	214.1	5.2
All Commodities	209.3	235.5	265.2	269.8	273.1	274.1	265.1	14.5
Industrial Commodities	209.4	236.4	273.0	275.6	277.3	278.2	271.4	17.2

(1) - Grade definitions revised by Census as of January 1979. New grades now consistent with API definitions. 1977 and 1978 Census data adjusted by API for comparability with 1979.

See page 3 for Hard Pressed Board data. ♦ Computed by API P-Preliminary R-Revised

SOURCES: Production - Bureau of Census, U.S. Department of Commerce
Producer Price Indexes -Bureau of Labor Statistics, U.S. Department of Labor

The Fibre Box Association reported a strong increase in the seasonally adjusted rate of fibre box shipments from August to September. The unadjusted shipments total, at 21.1 billion square feet, was 3.6% ahead of its year-ago level and second only to the 22.0 billion square feet shipped in January. FBA data show that the seasonally adjusted trend of fibre box shipments bottomed out in the May-July period at about 18.8 billion square feet per month. The July-September average of 19.6 billion square feet showed a 4.5% recovery.

A major source of strength in the paperboard markets has been the demand for exports. This strength extended to all major furnishes. For the January-September period, paperboard production for export averaged 3.1 million tons per year, 40% over the comparable year-ago rate. Unbleached kraft paperboard, which accounted for 72% of the 1980 total rose 39%. Semi-chemical paperboard, at 8% of the total, rose by 129%. In contrast with the domestic demand, export demand fell sharply from August to September, with the largest tonnage declines in unbleached kraft linerboard. However the September 1980 kraft export tonnage was still 32% ahead of the September 1979 level. Bleached paperboard exports held steady in September, but the nine-month total was only 14% ahead of its year-ago level.

Sales and Earnings

Net sales of 23 paper companies in the third quarter of 1980 amounted to $8.1 billion, 6.9% over the year-ago total. This brought sales for the first three quarters of 1980 to $24.1 billion, 9% above the year-ago total. These same companies reported third quarter 1980 earnings after taxes but before extraordinary gains or losses at $403 million, 11% below the year-ago total. For the entire first three quarters earnings totalled $1.3 billion, which was 9.5% below the total for the first three quarters of 1979.

Sales of these companies accounted for about 55% of the industry total.

Technical Note:

The API Divisions have completed their resurvey of members to obtain the most accurate information on the production or shipments totals. The resultant revisions in monthly data, however, cannot be shown in the production tables of this Monthly Statistical Summary because only four months of data can be shown. In answer to requests for the revised data, the 1978 and 1979 monthly data on production of paper and paperboard for the grades shown in this report are published on page 12. The annual totals are consistent with those to be published in the forthcoming issue of the Statistics of Paper and Paperboard and, of course, with the data published in the annual statistical reports of the various Divisions of the American Paper Institute.

Continued from Page 11

PAPER, PAPERBOARD, CONSTRUCTION AND WET MACHINE GRADES
(Thousands of Short Tons)

1979

PRODUCT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC'	SUM
NEWSPRINT PROD	315.4	308.3	347.8	318.8	338.7	337.1	331.8	356.5	337.2	368.1	363.5	338.7	4061.9
NEWSPRINT SHIP	315.3	306.5	350.1	321.1	336.5	335.1	334.6	354.8	336.3	347.6	341.1	346.9	4065.9
PRINT/WRIT SUB	1233.1	1183.4	1362.7	1260.1	1310.6	1286.2	1219.1	1365.2	1241.8	1380.2	1298.6	1226.7	15367.7
GROUNDWOOD	116.9	112.8	128.3	125.6	130.0	127.0	124.4	133.4	122.5	136.1	131.5	120.5	1509.0
SGNDWD NEW ORD	134.3	112.0	143.9	114.5	119.7	129.3	134.0	139.5	128.5	143.1	109.7	110.7	1519.2
SGNDWD UNF ORD	150.0	154.3	167.8	157.8	144.8	146.8	142.3	143.2	174.2	176.9	156.2	149.4	1903.7
SCTD NEW ORD	394.7	343.6	402.0	394.9	373.9	338.8	397.7	401.4	349.1	380.7	402.4	366.1	4526.4
SCTD UNF ORD	343.0	370.6	360.7	381.4	383.4	359.4	412.7	395.0	383.6	358.8	373.9	385.3	4527.6
UNCTD FREE SHEET	618.8	590.8	686.0	632.9	677.8	682.7	612.1	694.8	627.2	701.4	660.2	628.5	7813.2
SUFS NEW ORD	657.7	598.9	687.4	622.5	695.2	677.4	636.8	699.9	629.9	679.4	639.6	601.7	7826.3
SUFS UNF ORD	742.0	785.3	781.8	774.9	787.5	763.7	828.1	813.8	826.5	803.7	791.6	779.7	9478.4
THIN	30.7	29.9	34.6	31.7	34.0	31.6	29.2	32.9	31.4	30.8	31.2	28.1	376.1
COTTON	10.1	9.9	11.9	10.7	11.2	10.1	8.4	10.6	10.3	11.2	10.7	9.5	124.6
BL BRISTOLS	89.4	85.9	92.7	82.0	82.8	81.6	82.8	86.8	85.7	93.5	82.4	72.6	1018.2
TISSUE	354.6	346.7	400.6	377.0	395.6	386.0	371.0	398.7	366.1	392.8	369.9	345.2	4504.2
TOT PKGSOTH SUB	451.9	448.2	493.5	481.9	501.7	489.4	455.2	492.3	457.7	504.9	487.1	461.0	5724.8
UBK PKG	314.8	316.4	337.7	336.4	345.5	335.6	318.5	334.5	316.7	345.1	330.2	302.1	3933.7
OTH PAP	137.1	131.6	155.8	145.5	156.2	153.8	136.7	157.8	141.0	159.8	156.9	158.9	1791.1
TOTAL PAPER	2357.0	2286.6	2604.6	2437.8	2546.6	2498.7	2377.1	2612.7	2402.8	2646.0	2519.1	2371.6	29660.6
S.A.	2366.5	2291.8	2620.6	2420.9	2462.9	2449.7	2347.8	2512.2	2305.5	2546.7	2536.9	2536.5	29197.9
SUP P'BD SUB	1923.8	1825.3	2090.5	2020.2	2045.9	2036.0	1946.2	2049.2	1935.8	2122.1	2032.4	1770.8	23838.2
UBK LINER	1126.4	1059.7	1194.3	1161.1	1184.2	1191.0	1139.3	1231.7	1144.2	1265.2	1205.8	1048.5	13951.5
#PROD FOR EXPT	124.3	113.8	144.0	133.7	136.2	137.2	138.4	148.0	137.9	146.8	161.4	123.4	1645.2
OTH UBK P'BD	104.9	92.0	122.0	114.5	110.3	108.3	95.3	94.5	87.7	98.4	100.5	71.3	1199.6
BEHICHEN	371.2	344.7	420.4	396.4	416.1	402.1	388.5	405.9	386.6	409.2	390.3	353.5	4689.1
#PROD FOR EXPT	9.2	4.9	11.6	9.0	7.3	8.0	8.9	10.8	7.1	7.7	9.0	4.8	98.1
SOLID BL.	321.3	326.8	353.7	348.2	355.3	334.5	323.1	337.2	317.3	349.4	335.6	295.6	3998.1
#PROD FOR EXPT	29.9	40.1	45.2	38.8	50.6	47.1	36.8	41.2	40.4	43.8	43.4	34.1	491.4
RECYCLED	653.5	604.7	677.9	635.4	671.5	624.7	566.3	661.2	624.8	677.2	632.7	560.8	7590.7
#PROD FOR EXPT	1.5	2.0	1.6	1.6	2.5	1.3	1.0	1.6	1.8	1.6	2.3	3.1	21.8
TOTAL PAPERBD	2577.3	2430.0	2788.4	2655.6	2737.4	2660.6	2512.5	2730.4	2560.6	2799.3	2665.1	2331.7	31428.9
#CONT BD(D.U.)	1514.4	1433.9	1647.0	1567.5	1615.0	1596.6	1535.2	1659.2	1547.2	1691.4	1602.7	1436.7	18824.8
#BOX BD (D.U.)	494.0	479.0	518.4	503.4	515.0	480.5	444.2	488.4	462.2	509.1	465.4	416.3	5776.1
#ALL OTH(D.U.)	404.0	354.3	422.6	401.6	410.8	390.0	348.1	381.0	364.0	399.0	380.9	313.3	4571.5
#TOT PRD FR EXPT	164.9	160.8	202.4	183.1	196.6	193.5	185.1	201.6	187.2	199.8	216.1	165.4	2256.5
S.A.	2696.9	2563.3	2989.7	2853.4	2965.5	2890.7	2630.9	2812.9	2701.1	2676.2	2667.8	2733.5	31490.8
WET MACH. BD.	8.8	11.3	12.6	10.8	11.8	11.3	7.4	12.6	12.8	14.8	14.3	15.9	143.6
BLDG PAP.	153.7	149.2	171.5	159.1	173.8	169.6	147.2	167.8	147.8	168.4	154.4	137.4	1899.9
INSUL BD.	119.3	109.3	127.5	122.2	128.1	121.6	106.8	136.6	116.0	130.9	110.7	92.9	1421.9
TOTAL OTHR GDS	281.8	269.8	311.6	291.3	313.7	302.5	261.4	317.0	276.6	314.1	279.4	246.2	3465.4
S.A.	299.3	300.2	294.1	289.3	288.2	287.7	279.9	283.6	285.4	298.6	280.7	280.9	3468.0
TOTAL EX HPB	5216.1	4986.4	5484.6	5384.7	5597.7	5461.8	5151.0	5660.1	5240.0	5759.4	5463.6	4949.5	64554.9
S.A.	5271.7	5255.3	5304.5	5283.5	5316.9	5128.1	5458.6	5408.7	5492.1	5521.5	5485.3	5550.9	64456.8
HARD PRESSED BD	166.5	154.7	184.7	187.5	187.2	169.1	188.2	194.1	187.4	201.0	165.4	136.9	2122.7
S.A.	180.8	165.8	178.1	174.3	176.9	172.7	182.7	173.6	202.8	179.6	169.6	164.6	2121.6

1978

NEWSPRINT PROD	318.1	307.4	348.4	329.8	333.4	334.9	248.5	271.6	318.8	326.7	320.7	309.2	3767.5
NEWSPRINT SHIP	309.4	309.4	335.9	325.3	337.4	338.3	243.5	277.0	316.4	332.3	321.6	310.6	3779.3
PRINT/WRIT SUB	1178.0	1151.8	1341.6	1227.1	1299.5	1236.0	1089.8	1229.6	1157.6	1280.2	1240.9	1154.8	14595.6
GROUNDWOOD	113.5	105.2	126.7	120.4	132.6	113.6	92.0	89.0	105.6	119.7	121.2	114.9	1354.4
SGNDWD NEW ORD	130.7	102.5	128.7	121.4	133.1	140.6	83.1	97.5	144.9	114.7	101.4	115.9	1414.4
SGNDWD UNF ORD	140.1	154.2	153.9	147.7	145.4	144.2	136.2	144.3	206.7	199.9	181.1	185.1	2020.6
COATED	372.4	355.9	409.2	363.7	399.4	375.4	328.4	386.9	356.1	391.5	380.4	334.0	4453.3
SCTD NEW ORD	375.0	357.9	425.9	341.9	390.0	381.4	335.1	388.7	345.1	361.5	366.1	364.0	4432.5
SCTD UNF ORD	383.2	399.8	424.2	399.2	396.9	402.9	414.2	414.3	410.9	372.0	360.8	404.1	4782.4
UNCTD FREE SHEET	545.3	570.2	661.9	614.3	633.5	620.4	551.3	630.4	570.3	621.5	602.4	577.8	7221.3
SUFS NEW ORD	585.6	609.3	707.4	659.1	712.3	667.9	579.5	645.3	603.5	613.8	580.4	573.8	7537.9
SUFS UNF ORD	645.6	695.7	542.4	589.5	671.4	701.2	739.2	752.2	802.1	749.5	752.9	753.6	8015.3
THIN	31.1	27.0	33.2	28.0	28.7	28.0	26.8	30.8	28.3	29.5	30.3	28.0	349.7
COTTON	9.4	8.6	11.0	9.5	10.8	9.5	7.5	9.3	9.5	9.8	10.3	9.3	114.4
BL BRISTOLS	86.3	84.9	99.6	89.2	94.5	89.1	83.8	92.6	87.2	108.2	94.3	90.8	1102.5
TISSUE	370.1	361.1	373.8	345.5	389.5	368.4	314.3	335.1	324.8	360.9	343.6	327.6	4214.7
TOT PKGSOTH SUB	494.7	468.6	528.4	520.1	535.9	506.1	455.9	442.9	458.0	471.4	463.4	444.0	5789.4
UBK PKG	327.0	313.6	354.1	355.8	356.3	329.8	314.5	299.4	312.5	319.9	305.7	296.4	3884.0
OTH PAP	167.7	155.0	174.3	164.3	179.6	177.3	141.4	143.5	145.5	151.5	157.7	147.6	1905.4
TOTAL PAPER	2360.9	2268.9	2592.2	2442.5	2558.3	2445.4	2188.5	2288.6	2258.6	2439.2	2348.6	2235.6	28367.2
S.A.	2372.7	2280.8	2604.7	2437.6	2479.0	2392.7	2264.8	2200.5	2345.4	2349.9	2365.3	2365.9	28319.3
SUP P'BD SUB	1853.5	1751.6	1989.6	1929.5	2047.6	1982.8	1833.7	1973.4	1874.0	1967.3	1934.1	1652.8	22790.1
UBK LINER	1083.3	1018.3	1148.3	1101.9	1181.9	1133.7	1046.0	1153.8	1103.8	1143.4	1153.0	960.4	13227.8
#PROD FOR EXPT	114.7	113.1	120.3	114.4	129.5	122.2	134.3	127.1	139.7	118.3	125.2	107.7	1466.3
OTH UBK P'BD	95.4	90.0	106.0	98.0	117.0	112.2	100.9	105.1	89.2	82.7	77.1	70.9	1144.5
BEHICHEN	354.4	335.8	385.1	384.2	399.8	385.7	355.5	363.4	358.4	393.1	386.1	337.7	4439.2
#PROD FOR EXPT	10.8	8.3	10.1	11.1	11.2	9.3	9.0	11.1	8.3	10.3	12.3	7.1	119.2
SOLID BL.	320.4	307.5	350.2	345.4	348.9	351.2	331.3	351.1	322.4	348.1	317.9	283.8	3978.4
#PROD FOR EXPT	34.3	27.2	40.3	43.7	44.4	42.7	29.3	37.1	31.7	33.8	32.9	32.2	429.8
RECYCLED	616.9	571.7	661.1	650.2	657.7	645.7	559.1	645.2	605.8	664.3	644.3	560.4	7484.6
#PROD FOR EXPT	2.1	1.5	2.0	1.6	2.2	2.2	2.1	1.8	1.6	1.3	1.7	1.6	21.6
TOTAL PAPERBD	2470.4	2323.3	2650.7	2579.7	2705.3	2628.5	2392.8	2618.6	2479.8	2633.6	2578.4	2213.4	30274.7
#CONT BD(D.U.)													17908.2
#BOX BD (D.U.)					MONTHLY	DATA	NOT	AVAILABLE					4504.5
#ALL OTH(D.U.)													3825.4
#TOT PRD FR EXPT	161.9	150.1	172.7	170.8	187.5	176.4	174.6	177.0	181.4	163.7	172.3	148.5	2036.8
S.A.	2513.1	2448.2	2470.4	2499.7	2528.3	2552.0	2524.1	2503.5	2593.9	2527.4	2578.4	2597.9	30336.9
WET MACH. BD.	9.6	10.3	12.2	12.4	13.1	13.3	7.4	12.9	11.7	11.6	10.8	11.0	136.3
BLDG PAP.	145.1	146.1	169.1	171.2	174.3	168.2	147.8	171.4	152.8	166.3	161.9	140.8	1915.0
INSUL BD.	104.9	114.1	126.3	117.0	125.2	107.3	103.4	124.4	119.2	124.4	127.6	120.5	1416.3
TOTAL OTHR GDS	241.4	270.5	307.6	300.6	312.6	288.8	258.6	308.7	283.7	302.3	300.3	272.3	3467.6
S.A.	285.7	301.5	284.5	302.7	284.9	269.4	280.6	277.5	286.7	292.6	301.8	312.2	3482.2
TOTAL EX HPB	5092.9	4862.8	5550.6	5322.8	5576.2	5362.7	4759.9	5215.9	5022.1	5375.1	5247.3	4721.3	62109.5
S.A.	5171.7	5130.5	5159.5	5240.0	5294.2	5214.1	5069.5	4981.5	5226.0	5169.9	5245.5	5296.0	62218.5
HARD PRESSED BD	149.0	185.0	200.1	202.4	206.1	197.7	189.7	220.4	179.8	200.2	178.6	164.7	2293.7
S.A.	184.9	178.3	188.4	190.4	194.3	197.1	189.1	178.2	179.1	182.2	184.3	178.7	2225.0

INDUSTRY FACT SHEET

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

October 24, 1980

	PRODUCTION (000 TONS)					
	Sept 1980	Aug. 1980	Sept 1979	Jan - Sept 1980	Jan - Sept 1979	% Change 80/79
PAPER GRADES	P	R				
Newsprint	370	412	337	3470	2992	16.0
Uncoated Groundwood (s)	123	125	123	1129	1121	0.7
Coated Paper (s)	394	374	365	3450	3369	2.4
Uncoated Free Sheet Paper (s)	622	636	627	5979	5823	2.7
Thin Paper (c)	28	27	31	256	286	-10.3
Cotton Fiber Paper (s)	10	9	10	92	93	-0.9
Bleached Bristols (s)	75	72	86	739	770	-4.0
Tissue Paper	340	346	366	3256	3398	-4.2
Unbleached Kraft Packaging & Indl. Converting (s)	320	306	317	2870	2956	-2.9
Other Paper (c)	135	135	141	1270	1316	-3.5
TOTAL PAPER	2417	2443	2403	22512	22124	1.8
PAPERBOARD GRADES						
Kraft Linerboard, Unbleached	1176	1251	1144	10849	10432	4.0
Other Kraft Paperboard	81	76	88	752	929	-19.1
Semichemical Paperboard	383	387	387	3592	3534	1.6
Bleached Paperboard	313	328	317	2947	3017	-2.3
Recycled Paperboard	571	544	625	5197	5720	-9.1
TOTAL PAPERBOARD	2524	2586	2561	23337	23633	-1.3
CONSTRUCTION & WET MACH GRADES(c)	187	201	277	1843	2626	-29.8
TOTAL PAPER AND PAPERBOARD	5128	5229	5240	47692	48382	-1.4
HARD PRESSED BD.[not in total](c)	135	160	187	1261	1619	-22.1

WOOD PULP (ALL GRADES)	Aug. 1980	July 1980	Aug. 1979	Jan - Aug. 1980	Jan - Aug. 1979	% Change 80/79
Dissolving & Special Alpha	129	111	155	1041	993	4.8
Bleached Sulphite	119	101	119	950	885	7.3
Unbleached Sulphite	31	29	35	259	266	-2.9
Bleached & Semi-Bl. Sulph.	1610	1459	1597	12770	12041	6.1
Unbleached Sulphate	1714	1590	1660	13541	13315	1.7
Semichemical	335	306	352	2728	2706	0.8
Groundwood and Thermo-Mechanical	397	369	380	3038	2914	4.3
TOTAL PULP DIVISION DATA	4334	3965	4299	34327	33121	3.6
Defib. Exploded & Screen E	210	188	280	1509	2041	-26.1
TOTAL WOOD PULP PRODUCTION	4544	4153	4579	35835	35161	1.9

Note: Paperboard cumulative totals include revisions not available monthly.

(s) - Shipments R - Revised E - Estimate
P - Preliminary (c) - Census Data - Production, last 2 months estimated.

October 30, 1980

	Full Year		INDUSTRY DATA 1980			Ann. Rate Year - To - Date	% From Same Pd. Last Yr.
PAPER AND PAPERBOARD -- Tons (000)	1978	1979	R July	R August	P September		
Total Production (API).....! !...	62109	64555	4811	5229	5128	63589	-1.4
Total Seasonally Adjusted....! excluding !...			5100	5032	5347	63003	-1.8
Imports (including Products).!hard pressed!..E	9117	9123	664	658	670	8912	-1.8
Exports (including Products).! board !..E	3373	3672	483	547	550	5131	43.2
Apparent Consumption.....! !...	67854a	70006b	5281	5143	5467	66784c	-4.1
Paper Production % Tonnage Capacity.....	93.1s	95.2s	79.2	86.0	87.4	92.2sh	-
Paperboard Production % Tonnage Capacity.....	92.8s	94.2s	80.7	87.9	87.9	91.0s	-
			June	July	August		
MARKET WOOD PULP PRODUCTION - Tons (000).....	5126	5667	547	542	564	6570	19.0
TOTAL WOOD PULP PRODUCTION - Tons (000)..(f)....	47228	49743	4307	3965	4334	51490	3.6
WOOD PULP IMPORTS - TONS (000).....	4025	4318	336	285	334	4180	-4.5
WOOD PULP EXPORTS - TONS (000).....	2599	2935	362	356	385	3875	39.6
RAW MATERIALS CONSUMPTION - Tons (000)							
..PAPER AND BOARD MILLS			June	July	August		
Wood Pulp..(k).....	47911	50156	4172	3833	3870	47849	-0.8
Waste Paper....(d).....	14760	15400	1109	1034	1157	14247	-1.0
Other (Census).....E	778	643	43	42	46	591	-10.3
Total.....	63449	66199	5324	4909	5073	64687	-1.1
..WOOD PULP - NON PAPER.....E	884	909	70	61	65	829	-9.6
PULPWOOD CONSUMPTION Cords(000)Amer.Pulpwd. Assn	77290	79566	6969	6356	6719	81297	1.8
EMPLOYMENT (000)			July	August	September		
Paper and Allied Products.....Total.....	700.9	706.7	682.3	689.2	688.9	694.9	-1.6
Pulp, Paper and Board Mills.....Total.....E	267.4	271.7	269.2	270.5	270.3	270.0	-0.6
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)							
Paper and Allied Products.....	6.52	7.12	7.97	7.99	8.02	7.73	10.2
Pulp, Paper Mills.....E	7.44	8.26	9.28	9.31	9.32	8.98	10.7
Paperboard Mills.....E	7.68	8.38	9.46	9.42	9.46	9.14	10.7
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1980 Q1	1980 Q2	1980 Q3		
(Rept. by US Dept. of Com., Ann. Rates, Bill.$)#	3.46	4.88	5.91	6.13	5.84	6.06v	24.2
INDEX OF OUTPUT PER MAN-HOUR (1967=100).....			July	August	September		
!IN PULP, PAPER !...Production Workers.....RS	159.2	164.0	161.6	159.1	169.5	165.0	1.4
!AND BOARD MILLS!...All Employees.....RS	153.5	157.9	153.5	151.2	161.2	157.6	0.6
PAPER AND ALLIED PRODUCTS (Million $)			June	July	August		
Industry Shipments (Dept. of Commerce)#.....	57654	66033	5756	5845	5657	69792	6.3
Pulp, Paper and Paperboard#.....	25343	30165	2798	2744	2631	32811	10.6
Inventories (End of Period) - Total Industry#.	5875	6779	7598	7442	7372	7372	15.9
Pulp, Paper and Paperboard#.....	2006	2321	2656	2670	2681	2681	24.8
			1979 Q4	1980 Q1	1980 Q2		
Sales (Corporations Only, FTC).....	48982	55359	14401	14682	14522	58408	8.9
Earnings (Corporations Only, FTC).....	2598	3724	778	795	803	3196	-10.4
Depreciation (Corporations Only, FTC).....	1726	1896	489	504	510	2028	9.5
Net Worth (Corporations Only, FTC).....	20794	23206	23206	24002	24469	24469	12.2
PRICE INDEXES (Bureau of Labor Stats)1967=100			July	August	September		
Total Pulp, Paper and Allied Products.....	195.6	219.0	252.4	252.2	252.7	247.2	14.7
Wood Pulp.....	266.5	314.3	388.6	388.6	390.6	377.4	23.1
Waste Paper.....	191.2	206.6	194.4	193.8	192.5	214.1	5.2
Paper.....	206.1	229.6	258.5	258.5	258.9	254.1	12.6
Paperboard.....	179.6	202.1	237.5	238.1	239.2	233.1	17.5
PAPER DEMAND (INDEXED: 1967=100)			July	August	September		
Total Paper Production #.....	135.6	141.8	138.5	135.0	143.9	142.5	1.4
Paper New Supply #.....	132.9	137.2	124.0	125.3	132.3	135.3	-0.9
Total End - Use Index #.....	139.5	144.7	143.5	144.2	144.5	144.4	-0.1
Production of Nondurable Goods #...(19%)..	157.0	164.1	154.2	155.5	156.3	159.7	-2.5
Disposable Income (Constant $) #...(23%)..	145.2	148.5	148.2	148.0	148.0	148.0	-0.3
Total Printing and Publishing #...(58%)..	131.5	136.8	138.1	139.0	139.2	138.0	0.9
Trend Factor			Not Available				
PAPERBOARD DEMAND (INDEXED: 1967=100)							
Total Paperboard Production #.....	132.9	137.9	131.3	131.1	139.1	134.6	-1.6
Production for Domestic Use	131.1	135.5	121.5	119.6	132.0	128.2	-4.8
Total End - Use Index #.....	147.7	152.0	140.0	140.7	142.0	145.2	-4.6
Production of Consumer Goods #...(60.49%)	149.1	150.6	141.8	141.9	143.2	144.6	-4.3
Production of Equipment #...(6.62%)	132.8	142.2	142.6	142.9	143.3	144.4	2.1
Production of Materials #...(32.89%)	148.3	156.4	136.3	137.9	139.5	146.4	-6.3
Trend Factor			Not Available				
NEWSPRINT MARKETS			June	July	August		
Consumption by Publishers - Tons (000).....	10872	11240	901	838	903	10853	-0.8
Newspaper Pub. and Printing Empl. Total(000)..	407.4	423.0	433.7	431.4	429.1	431.3	2.6
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (LNA, Inc.).....	115090	115879	9308	7278	6950	107150	1.9
WHOLESALERS SALES AND INVENTORIES (Million $)							
Total Paper & Pap. Prdcts.,ex Wallpaper..Sales	17586	19721	1732	1803	1815	21458	10.4
Inventories (End of Period)	1482	1695	1803	1767	1717	1717	7.0
Paper Only.....Sales	13078	14788	1306	1299	1334	15836	8.5
Inventories (End of Period)	1025	1141	1242	1201	1175	1175	11.4
RETAIL TRADE (Million $)			July	August	September		
Total Retail Sales #.....	799054	884407	78287	78761	80021	928879	6.3
Nondurable Goods Stores Sales #.....	518190	576882	53211	53899	54623	633093	11.7
GENERAL ECONOMIC DATA							
TOTAL INDUSTRIAL PRODUCTION (INDEX 1967 = 100)#.	146.1	152.5	140.1	141.0	142.4	146.1	-4.2
PRODUCER PRICES(ALL COMMODITIES)(INDX 1967=100).	209.3	235.5	269.8	273.1	274.1	265.1	14.5
CONSUMER PRICES (ALL ITEMS) (INDEX 1967 = 100)..	195.4	217.4	247.8	249.4	251.7	243.7	13.8
			June	July	August		
TOTAL CONSUMER CREDIT OUTSTANDING - (Billion $).	275.6	311.3	301.4	301.8	303.3	303.3	1.2
GROSS NATIONAL PRODUCT - ANNUAL RATE (Billion$).			1980 Q1	1980 Q2	1980 Q3		
G.N.P. or Expenditure - Current $.....	2127.6	2368.8	2520.8	2521.3	2583.0	2541.7	8.6
G.N.P. OR Expenditure - 1972 $.....	1399.2	1431.6	1444.7	1408.6	1412.1	1421.8	-0.5

lb/capita Popul.(mil)
.a - 621 218.7
.b - 635 220.6
.c - 600 222.3
.d - 1977 - 12103; 1978 - 12481
. 1979 12956;Ja-Jl'80A.R.12536
. (000 tons) as pub. by Census
.E - Last month estimated by API

f - Wood Pulp Production excludes estimates for def. expl. & scrngs. Prod. was: 1978 - 3,140; 1979 - 3,018; 1980 A.R.Y-T-D 2,264 (000 tons)
h - Adjusted to conform with API Division data
k - Excludes consumption of defib. & expl. pulp for hard p. bd.: '78 - 1,666; '79 - 1,593 (000 tons)
s - Adjusted for holiday shutdowns

N.A. - Not Available
P - Preliminary
Q - Quarter
R - Revised
RS - Revised Series
v - Full year estimated by U.S. Dept. of Commerce
- Seasonally adjusted